

# INTERNATIONAL SEARCH REPORT

International Application No

03/01890

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L12/28 H04L29/06 H04M7/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2002/064147 A1 (GOLDBERG HAROLD JEFFREY ET AL) 30 May 2002 (2002-05-30) paragraph '0014! - paragraph '0016! paragraph '0028! - paragraph '0029! paragraph '0038! - paragraph '0039! abstract figure 2A	1,3,8, 10,11 2,4-7,9
X Y	US 2002/073204 A1 (DUTTA RABINDRANATH ET AL) 13 June 2002 (2002-06-13) paragraph '0006! - paragraph '0011! paragraph '0034! - paragraph '0037! paragraph '0041! - paragraph '0044! paragraph '0048! - paragraph '0049! paragraph '0055! - paragraph '0056! paragraph '0065! - paragraph '0077! abstract figures 1A,6,7	1,8,10, 11 2,4-6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- \*&\* document member of the same patent family

Date of the actual completion of the international search

17 October 2003

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28/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Schorgg, A

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PCT/DE 03/01890

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 77637 A (GATEWAY INC) 21 December 2000 (2000-12-21)	1
Y	page 2, line 15 -page 3, line 12 abstract figure 2	7,9
X	US 2001/034752 A1 (KREMIEN ORLY) 25 October 2001 (2001-10-25) paragraph '0007! - paragraph '0016! paragraph. '0065! abstract	1,4,8,10
A	WO 01 27772 A (MINDARROW SYSTEMS ;DUNAN MAX (US); ROBERTS ED (US)) 19 April 2001 (2001-04-19) page 3, line 5 - line 15 page 5, line 3 - line 15 abstract	1,7

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Information on patent family members

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